

CLAIMS

1. A vehicle cleaning composition containing one or more components with complexing properties selected from the groups comprising polyamino and polycarboxylic acids and the salts thereof.
- 5 2. A vehicle cleaning composition according to claim 1, characterized in that it contains polyaspartic acid and/or a copolymer based on aspartic acid as a component with complexing properties.
3. A vehicle cleaning composition according to either of claims 1 or 2, characterized in that it contains gluconic acid as an additional component
- 10 with complexing properties.
4. A vehicle cleaning composition according to any of claims 1 to 3, characterized in that it contains 0.1 to 75 % by weight, particularly preferably 0.5 to 50 % by weight, of the aforementioned components with complexing properties, based on the total weight of vehicle cleaning
- 15 composition.
5. A vehicle cleaning composition according to any of claims 1 to 4, characterised in that a nonionic surfactant is additionally contained.
6. A vehicle cleaning composition according to claim 5, characterized in that the nonionic surfactant is selected from the group comprising
- 20 alkoxylated fatty alcohols which are optionally terminated by end groups and/or alkyl polyglycosides and/or alkoxylated fatty amines.
7. A vehicle cleaning composition according to any of claims 1 to 6, characterized in that the pH of the vehicle cleaning composition ranges from 4 to 10, preferably from 5 to 9 and particularly preferably from 6 to 8.
- 25 8. A vehicle cleaning composition according to any of claims 1 to 7; characterized in that the vehicle cleaning composition contains 0.1 to 30 % by weight of polyaspartic acid, based on the total weight of vehicle cleaning composition.
9. A vehicle cleaning composition according to any of claims 2 to 8,
- 30 characterized in that the vehicle cleaning composition contains 0.1 to 30 %

by weight of polyaspartic acid and 0.1 to 50 % by weight of gluconic acid, based on the total weight of vehicle cleaning composition.

10. A use of vehicle cleaning compositions according to any one of claims 1 to 9 for cleaning vehicle surfaces, in particular for removing metal
5 dust-containing and/or abraded metal-containing residues which adhere firmly to vehicle surfaces.

11. A use according to claim 10, characterized in that the removal of metal dust-containing and/or abraded metal-containing residues adhering
10 firmly to vehicle surfaces is carried out in a separate cleaning stage detached from the conventional cleaning of vehicles, before or after the conventionally performed cleaning of the vehicles to be cleaned.

12. A method of producing vehicle cleaning solutions by dilution of a vehicle cleaning composition according to any one of claims 1 to 9 with
15 water, so that the ready-to-use cleaning solution contains 0.025 to 100 g/l of at least one of the aforementioned components with complexing properties.

13. A method of producing vehicle cleaning solutions by dilution of a vehicle cleaning composition according to any one of claims 1 to 9 with
20 water, so the ready-to-use cleaning solution contains 0.025 to 100 g/l of at least one of the aforementioned components with complexing properties and additionally 0.05 to 50 g/l of the aforementioned nonionic surfactant.

14. A method of producing vehicle cleaning solutions by mixing a solution containing at least one of the aforementioned components having
25 complexing properties with a solution containing the aforementioned nonionic surfactant, a ready-to-use cleaning solution containing 0.025 to 100 g/l of at least one of the aforementioned components with complexing properties and additionally 0.05 to 50 g/l of the aforementioned nonionic surfactant being obtained, optionally after further dilution.

15. A method for cleaning a vehicle which is particularly protective of the
30 surface and in which a vehicle cleaning solution obtainable according to

any one of claims 12 to 14 is applied to the surface of the vehicle and is rinsed off with water after the cleaning operation.

16. A use of a vehicle cleaning composition according to any one of claims 1 to 9 for the cleaning of wheel rims.